



Attorney's Docket No. 3477-116

PATENT

#26G  
ARNEHS  
12/31/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Pugh et al. Confirmation No.: 6664  
Appl. No.: 09/029,872 Group Art Unit: 3738  
Filed: June 29, 1998 Examiner: P. Prebilic  
For: ARTIFICIAL STABILIZED COMPOSITION OF  
CALCIUM PHOSPHATE PHASES PARTICULARLY  
ADAPTED FOR SUPPORTING BONE CELL ACTIVITY

December 18, 2002

Commissioner for Patents  
Washington, DC 20231

AMENDMENT

RECEIVED  
DEC 26 2002  
TECHNOLOGY CENTER R3700

Sir:

Responsive to the Official Action mailed June 18, 2002, please amend the above-referenced application as follows:

In the Claims:

Please amend Claim 1 as follows:

1. (Four times amended) A bioactive artificial sintered composition for supporting bone cell activity, said composition comprising:

a powder or bulk material of stabilized insoluble tricalcium phosphate wherein the tricalcium phosphate is stabilized with stabilizing entities uniformly throughout the entire composition, and wherein said uniformly stabilized tricalcium phosphate is resorbable by osteoclasts and promotes secretion of mineralized bone matrix by osteoblasts,

wherein said stabilizing entities are selected from the group consisting of silicon entities, aluminum entities, barium entities, titanium entities, germanium entities, chromium entities, vanadium entities, niobium entities, boron entities and mixtures thereof.

Please cancel Claims 3 and 5.